

# DINALON® B1S25 H

Polyamide 6

Grupo Repol

## Message:

DINALON® B1S25 H is a Polyamide 6 (Nylon 6) product. It is available in Europe. Primary characteristic: heat stabilizer.

| General Information                               |                 |                   |             |
|---------------------------------------------------|-----------------|-------------------|-------------|
| Additive                                          | Heat Stabilizer |                   |             |
| Features                                          | Heat Stabilized |                   |             |
| Appearance                                        | Natural Color   |                   |             |
| Forms                                             | Pellets         |                   |             |
| Physical                                          | Nominal Value   | Unit              | Test Method |
| Density                                           | 1.13            | g/cm <sup>3</sup> | ISO 1183/A  |
| Humidity <sup>1</sup>                             | < 0.25          | %                 | ISO 15512/B |
| Mechanical                                        | Nominal Value   | Unit              | Test Method |
| Tensile Modulus                                   | 2800            | MPa               | ISO 527-2   |
| Tensile Stress (Break)                            | 70.0            | MPa               | ISO 527-2   |
| Tensile Strain                                    |                 |                   | ISO 527-2   |
| Yield                                             | 3.5             | %                 |             |
| Break                                             | 20              | %                 |             |
| Flexural Modulus                                  | 2000            | MPa               | ISO 178     |
| Flexural Stress                                   | 90.0            | MPa               | ISO 178     |
| Impact                                            | Nominal Value   | Unit              | Test Method |
| Charpy Notched Impact Strength (23°C)             | < 10            | kJ/m <sup>2</sup> | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C)           | No Break        |                   | ISO 179/1eU |
| Thermal                                           | Nominal Value   | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 55.0            | °C                | ISO 75-2/A  |
| Vicat Softening Temperature                       | > 200           | °C                | ISO 306/B   |
| NOTE                                              |                 |                   |             |

1. Karl-Fischer

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